Sheet of Form PTO-1449 Docket Number (Optional) Application Number INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) Applicant Cao Filing Date Group Art Unit **U.S. PATENT DOCUMENTS EXAMINER** DOCUMENT DATE NAME CLASS SUBCLASS FILING DATE NUMBER IF APPROPRIATE 5,660,461 8/26/1997 Ignatius et al 362 241 5,698,866 12/16/1997 Doiron et al 99 257 5,803,729 9/8/1998 Tsimerman 433 29 5,890,794 4/6/1999 Abtahi et al 362 294 6,019,482 2/1/2000 Everett 362 184 6,077,073 6/20/2000 Jacob 433 29 6,095,661 8/1/2000 Lebens et al 184 362 6,102,696 8/15/2000 Osterwalder 433 29 5,328,368 7/12/1994 Lansing et al 433 116 Des. 361,382 8/15/1995 Brunsell et al 24 177 10/14/1997 Des. 385,051 Wu 2 D26 6,325,623 12/4/2001 Melnyk et al 433 29 3/31/2000 6,322,358 11/27/2001 Senn et al 433 29 6,095,812 8/1/2000 Senn et al 433 29 6,159,005 12/12/2000 Herold et al 433 29 6,318,996 11/20/2001 Melikechi et al. 433 29 6,325,623 12/4/2001 Melnyk et al 433 29

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Z	6,200,134	3/13/2001	Kovac et al		433	29	1/20/98	
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	4,989,217	1/29/1991	Ostler		372	107		
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W	"Savings on Curing Lights from Lone Star Dental Corp.", including First Medica Hilux 200, Spring Health Powerlite and Dentamerica Litex (1 page) (printout from www.dentegip.com).										
1			n TOESCO Yoshida To			2001).					
		Dental/Medical Diagnostic Systems, Inc. Receives \$4.0 Million Order for Its Wireless Apollo e and Wavelight Curing Unites Based on New LED Technology" (2 pages) (printout from www.compoundsemiconductor.net).									
		Heat Data" (2 pages) (regarding rise in tooth pulp temperature with various curing lights).									
		"Comparison to Other Curing Lights" (2 pages) (printout from www.cranews.com)									
		<u> </u>	4 pages) (printout from								
			ges) (printout from www								
	"Photogr	aphs" depictin	g Virtuoso curing light (printout from www.	cranews.com)						
	Caughm	an, et al., "In V	itro Intrapulpal Temper	ature Rise with a V	ariety of Light	Sources" (1 pag	e).				
	Bouschli	cher, et al., "In	trapulpal Temperature l	ncreases with LEC), QTH and Arc	Photoinitiation*	' (1 page).				
	Meyer et page).	al., "Decrease	e in Power Output of Blu	e LD Curing Lights	s with Increasin	g Distance to F	illing Surface" (1				
	Parr et a	I., "Spectral Ar	nalysis of Commercial L	ED Dental Curing	Lights" (1 page)					
	CRA Nev	wsletter, Vol. 2	0, Issue 3, "Intraoral R	esin Curing Lights"	', (March 1996)	(2 pages).					
	CRA Nev	wsletter, "Resi	n Curing Light, Cordless	s" (2 pages).							
 	CRA Nev	wsletter, "Visib	le Curing Lights" (4 pag	es).							
	"Power F	PAC" (3 pages)	(printout from www.am	ericandentaltech.c	com)						
	"The PA	C" (2 pages) (p	printout from www.amer	icandentaltech.con	n)						
	"The Sci	ence of Curing	" (8 pages) (printout fro	m www.lasermed.o	com)						
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	"RemeCi	ure CL15" (1 p	age) (printout from www	v.remedent.com)	,						
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	"LumaLit	te Luma 8, Lur	maArch, LumaCure" (4			•				
4	"Curing l	_ight XL 3000"	(3 pages) (printout from	n www.brooks.af.m	il)					
	"LumaCı	ure Cordles Cu	uring Light" (2 pages) (p	rintout from www.b	rooks.af.mil)					
		ompo-T VLC Visible Light Cure Composite Dental Restorative Materials" (4 pages) rintout from www.yates-motloid.com)								
		ayne et al, "Update on dental composite restorations", JADA, vol. 125, June 1994, pages 687-701.								
		Accucure 3000" brochure (2 pages)								
		re 1000" broch								
	"LaserM	ed AGD Show	Special AccuCure 300	D Laser Show Spec	ial" flyer (1 pa	ige)				
	"LumaCı	ure" flyer (1 pa	ige).							
	"ARC Lig	ght IIM" brochu	ıre (2 pages).							
	"Introduc	cing the Apollo	elight wireless curing li	ght" flyer (1 page).						
	"Just Cu	re It" brochure	(3 pages) (printed out	from www.airtechni	ques.com)					
	"Resin C Novemb	Curing Lights: \ per, 2001.	What You Should Know	", page 36 from Co	ntemporary E	sthetics and Res	torative Practice,			
	"Starligh	it Starlight p" fl	yer (1 page).							
	"Exelite"	'flyer (1 page)			<u> </u>					
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	"Centrix hand (Ju	, Introducing V uly-August 200	ersaLux the world class	s battery operated l	_ED curing lig	ht that fits in the	palm of your			
	"ZAP De	ental Curing" fl	yer (1 page)							
	"EXELIT	E" flyer (1 pag	je)							
4/1-	"Elipar F	reelight Curin	g Light" (2 pages) (print	out from cms.3m.c	om)					
1 KL	"Intraora	al Resin Curing	g Lights – Update '96" e	xcerpt from March	1996 CRA ne	wsletter (2 page:	s)			
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	"All-Cure	Standard and	Custom Dental Curir	ng Lightguides" (1 pa	age) (Printout	from www.all-cure	e.com)			
4	- "Welcom	ne to Bonart M	edical Supply" (2 pag	es) (printout from w	vw.bonartmed	.com)				
(.	"Bonart"	(4 pages listin	g dental equipment ir	ncluding ART-L1 'Hig	h Power Ligh	t Curing Unit") (pi				
	"Dentam	www.bonartmed.com) Dentamerica – Litex" (2 pages discussing Litex 680A, Litex 682, and Litex 692 curing lights) (printout from								
	www.dei	www.dentamerica.com)								
	"Problen	"Problems with the Apollo E curing light" (1 page article) (printout from www.imakenews.com)								
		"Bellini X Ray" (2 pages depicting Sunlite 1275 curing light) (printout from www.bellinixray.com) "ACTA CURING LIGHT" (2 pages) (printout from www.amadent.com)								
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	"Synops www.bro	sis of Visible Li ooks.af.mil)	ght Curing Units" (8 p	ages summanzing v						
	"Zap Du	al Curing Ligh	t" (2 pages) (printout	from www.brooks.af	.mil)					
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	"VersaL	.ux Cordless C	uring Light" (2 pages) (printout from www	.brooks.af.mil)	·				
	"Variab	le Intensity Po	lymerizer Light Curing	յ Unit (VIP)" (3 page	s) (printout fro	m www.brooks.a	f.mil)			
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	"Optilux	501 Polymeri	zation Unit" (2 pages)	(printout from www.	.brooks.af.mil)		<u> </u>			
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K		'3M ESP	E Introduces	New LED Curing Light"	(2 pages) (printout	from cms.3m.	com)			
7		'NRG L.E	E.D. Curing Li	ght" brochure (4 pages)		· · · · · · · · · · · · · · · · · · ·				
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R		ci, Giovanni Mori, Lu , volume 27, number	ıca Casa de Martinis, "Curing ligh 5/1995 (8 pages)	t intensity and marginal i	eakage of resin comp	osite restorations",	Quintessence		
5		ito, "Relationship be 987) (6 pages)	tween the velocity of polymerizati	on and adaptation to der	ntal cavity wall of light	cured composites",	Dental materia	ls journal	
W	Uno, S., Asn	nussen, E., "Selected	variables in bonding to dentin",						
KL	G.L. Unterbr	Ink and R. Muessner	"Influence of light intensity on tw	vo restorative systems",	J. Dent., vol. 23, no. 3,	pp. 183-189 (1995) (7 pages).		
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Application Number

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10/072,826

Applicant Cao

Filing Date 02/05/02

Group Art Unit 2975

U.S. PATENT APPLICATIONS

EXAMINER INITIAL	SERIAL FILING DATE NUMBER		Title	Inventor	
XL.	10/080,489	February 22, 2002	Light-Curing Device with Detachably Interconnecting Light Application	Dan E. Fischer, DDS Bruce S. McLean	
	10/068,397	February 5, 2002	Curing Light with Plurality of LED's and Corresponding Lenses	Dan E. Fischer, DDS Bruce S. McLean	\top
	10/068,103	February 5, 2002	Lightweight Hand Held Dental Curing Devices	Dan E. Fischer, DDS Bruce S. McLean	
<i>Y</i> .	10/044,346	January 11, 2002	Optical Lens Used to Focus LED Light	Bruce S. McLean Vasiliy Nosov	
RL	10/024,110	December 17, 2001	Heat Sink with Geometric Arrangement of LED Surfaces	Robert R. Scott	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION
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XL.		Email from Jens Jenkins [Jjenkins@wnspat.com] to Dan McCarthy Ro 5 pending U.S. patent applications.	e: Pending Application Inf	ormation dated Wednesday, April 03, 2002 (2 pages) and listing
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77	DE 25 57 920 B2	3/20/1980	Germany		A61C 5/04		YES	NO
H	DE 29 27 260 A1	2/28/1980	Germany		A61N 5/06			X
11/	1 570 507	12/8/1976	Great Britain		A61N 5/06	-	x	
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Form PTO-1449 Docket Number (Optional) Application Number INFORMATION DISCLOSURE CITATION 10/072826 03761.010/5061.10 IN AN APPLICATION (Use several sheets if necessary **Applicant** Group Art Unit 2875 Filing Date AU6 0 5 2002 PATENT DOCUMENTS **EXAMINER** DOCUMENT DATE NAME CLASS SUBCLASS **FILING DATE** INITIAL NUMBER IF APPROPRIATE OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) A. Mehl, H. Staunau, D. Schreyger, K.H. Kunzelmann, R. Hickel, LMU University Dental School, D-80336 Munich Germany, 1 page abstract, Journal of Dental Research, vol. 74, 1995, special issue p. 462. Sakaguchi and Berge, "Light Intensity Effects on Degree of Cure Posterior Composite", #1972, IADR 1997 (4 pages). Shigero Uno and Erik Asmussen, "Marginal Adaptation of A Restorative Resin Polymerized At A Reduced Rate" (5 pages). Peter Koran & Ralf Kurschner, "Effect of sequential versus continuous irradiation of a light cured resin composite on shrinkage, viscosity, adhesion, and degree of polymerization, CE Article #3-198, Americal Journal of Dentistry, vol 11, No. 1, February 1998 (6 pages). A. Mehl, R. Hickel, K.H. Kunzelmann, Dental School Munich Germany, "Physical properties and gap formation of light cured composites with and without softstart-polymerization" faxed copy dated May 30, 1996 (27 pages). K.J. Reinhardt and J. Vahl, "Uncertainties in the Testing of Photopolymers" 11 pages. A.J. Fellzer, L.H. Dooren, A.J. de Gee, and C.L. Davidson, "Influence of light intensity on polymerization shrinkage and integrity of restoration cavity interface", Eur J. Oral Sci. 1995; 103: 322-326 (5 pages). A. Mehl, M. Sobota, R. Hickel, "Soft start polymerization of composites in class V cavities" (10 pages). Saliha S. Davidson-Kaban, Carel L. Davidson, Albert J. Feilzer, Anton J. de Gee, Nejdet Erdilek, "The effect of curing light variations on bulk curing and wall to wall quality of two types and various shades of resin composites", Dent Mater 12:344-352, November 1997 (9 pages) TECHNOLOGY CENTER R3700 EXAMINER DATE CONSIDERED 2009

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RL		Letter from John Vickers, III, General Counsel to American Dental Technologies, to Daniel McCarthy dated May 2, 2000.						
		Letter from Dr. Roland Brem of ESPE Dental AG to Daniel McCarthy dated May 11, 2000.						
		Letter from Dr. Roland Brem of ESPE Dental AG to Daniel McCarthy dated may 31, 2000.						
		Letter from Dr. Roland Brem of ESPE Dental AG to Daniel McCarthy dated June 8, 2000.						
RL		Facsimile dated Friday, May 29, 1998 from Dr. Frederick M. Parkins of the School of Dentistry, University of Louisville to Bob Dalton of ADT regarding final draft sent to Tony Angelini (6 pages).						
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PL	10 Mississippi and you're done! New NRG LED Curing Light brochure from Dentsply Caulk (4 pages).								
	Exelite a	Exelite advertisement from Toesco (1 page)							
		Epilar Freelight advertisement from ESPE (1 page)							
		Centrix The Catalog for the Dental Professional showing Versalux LED curing light (1 page)							
		Introducing the Apolloe e light wireless curing light advertisement for LED curing light from DMD (1 page)							
		LumaCure New Technology World's first patented solid state Dental Curing Light (1 page) Starlight and Starlight p by Mectron Medical Technology (1 page)							
	ZAP Dua	ZAP Dual Curing – A curing light that can FAST CURE with SOFT CURE results? From Soft Core Texas, Inc. (1							
		page) Polymerisation im Schongang Epilar Highlight from ESPE (6 pages)							
, /		Dentistry Today, January 1998, front page and page 70 showing Kreativ Inc. Kreativ Kuring Light (2 pages total)							
V	Dental Propages to	Dental Products Report, October 1997, front page and page showing ESPE Pentamix and Epilar Highlight (2 pages total)							
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Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Docket Number (Optional)

Application Number

03761.010/5061.10

10/072,826

Applicant

Group Art Unit 2875

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EXAMINER

DATE CONSIDERED

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